

IN THE CLAIMS:

Please amend claims 1, 3, 10-24, 26-28, 30, 42-43, and 62-65 as follows.

1. (Currently Amended) A method, comprising:

receiving a message at an interrogating call session control function using a public service identity;

obtaining address information for a network function for which said message is intended; and

sending said message to said network function in accordance with said address information.

2. (Original) A method as claimed in claim 1, wherein said message is sent directly to the network function via a proxy or gateway element.

3. (Currently Amended) A method as claimed in claim 1, wherein said obtaining ~~step~~ comprises querying a database.

4. (Previously Presented) A method as claimed in claim 3, wherein said database comprises a subscription location function.

5. (Previously Presented) A method as claimed in claim 3, wherein said database provides said address information for said network function.

6. (Previously Presented) A method as claimed in claim 3, wherein said database provides information identifying a further database.

7. (Previously Presented) A method as claimed in claim 6, wherein said further database comprises one of a home subscriber server, user mobility server or service and subscription repository.

8. (Previously Presented) A method as claimed in claim 6, wherein said further database contains said address information.

9. (Previously Presented) A method as claimed in claim 6, wherein said further database contains configuration information of said network function.

10. (Currently Amended) A method as claimed in claim 1, further comprising:
~~the step of determining if~~whether said message is for an IPinternet protocol multimedia core network subsystem target or a ~~non-IP~~IP internet protocol multimedia core network subsystem target.

11. (Currently Amended) A method as claimed in claim 10, wherein said receiving, obtaining, and sending~~steps of claim 1~~ are followed if~~when it is determined a~~

determination is made that said message is for a ~~non-IP~~IP internet protocol multimedia core network subsystem target.

12. (Currently Amended) A method, comprising:
originating a message from ~~an~~a network function using a public service entity;
determining ~~the~~an address of a proxy entity to which said message is to be sent;
and
routing said message to said proxy entity, ~~[[;]]-and~~
wherein said message is routed ~~routing said message from~~ said proxy entity to an entry point of a target network.

13. (Currently Amended) A method as claimed in claim 12, wherein said entry point is in ~~the~~a same network as said network function.

14. (Currently Amended) A method as claimed in claim 12, wherein said entry point is in a different network ~~to~~than said network function.

15. (Currently Amended) A method as claimed in claim 12, wherein said originating ~~step~~ comprises originating one of a session and a transaction.

16. (Currently Amended) A method as claimed in claim 12, wherein said determining step comprises ~~the step of querying~~ one of a database, a table, a file and a list.

17. (Currently Amended) A method as claimed in claim 12, wherein said determining step comprises determining the proxy entity from information contained in said function.

18. (Currently Amended) A method as claimed in claim 12, further comprising:
~~the step of determining the entry point to which said message is to be routed.~~

19. (Currently Amended) A method as claimed in claim 12, wherein said proxy entity is ~~arranged~~ configured to determine ~~the~~ a target entry point to which said message is to be sent.

20. (Currently Amended) A method as claimed in claim 19, wherein said proxy entity is ~~arranged~~ configured to determine the target entry point to which said message is to be sent by accessing a database.

21. (Currently Amended) A method as claimed in claim 20, wherein said database comprises a ~~DNS~~ domain name server.

22. (Currently Amended) A method₁ comprising:
originating a message from a network function using a public service entity;
determining an interrogating call session control function to which said message is
to be sent;
routing said message directly to said interrogating call session control function
~~if~~when said interrogating call session control function is in a same network as said
network function.

23. (Currently Amended) A method₁ comprising:
originating a message from a network function using a public service identity;
determining the interrogating call session control function to which said message
is to be sent;
routing said message directly to said interrogating call session control function
~~if~~when said interrogating call session control function is in a trusted network.

24. (Currently Amended) A method₁ comprising:
receiving a request from ~~the~~a network function at an interrogating call session
control function using a public service entity;
determining₁ at the interrogating call session control function, ~~the~~a serving call
session control function to which a message from said network function is to be sent; and

sending said message to the determined serving call session control function.

25. (Previously Presented) A method as claimed in claim 24, wherein said network function comprises a presence list server.

26. (Currently Amended) A method as claimed in claim 24, wherein said determining step comprises querying a database.

27. (Currently Amended) A method as claimed in claim 24, wherein said determining step comprises querying a home subscriber server.

28. (Currently Amended) A method, comprising:
receiving a request from a first network function at an interrogating call session control function using a public service identity;

determining, at the interrogating call session control function, a second network function to which a message from said first network function is to be sent; and

sending said message directly from the interrogating call session control function to said second network function.

29. (Previously Presented) A method as claimed in claim 28, wherein said network function comprises a network entity.

30. (Currently Amended) A method as claimed in claim 28, wherein said network function comprises one of an application server, a server and a gateway.

31. (Previously Presented) A method as claimed in claim 28, wherein said network function provides an adaptation functionality.

32-41. (Cancelled)

42. (Currently Amended) A method, comprising:
receiving a message at an interrogating call session control function from a network function based on address information obtained by said network function using a public service entity;

obtaining address information at said interrogating call session control function for said message; and

sending said message from said interrogating call session control function in accordance with said address information.

43. (Currently Amended) A method as claimed in claim 1, wherein said network function comprises a server, said server being ~~arranged~~ configured to send a message for

at least one user via a serving call session control function and to send a message for a least one user via an interrogating call session control function.

44-61. (Cancelled)

62. (Currently Amended) An ~~interrogating call session control function~~apparatus, comprising:

means for receiving a message using a public service entity;

means for obtaining address information for a network function for which said message is intended; and

means for sending said message to said network function in accordance with said address information.

63. (Currently Amended) An ~~interrogating call session control function~~apparatus, comprising:

a receiver configured to receive a message using a public service entity;

an address information entity configured to obtain address ~~information~~information or a network function for which said message is intended; and

a transmitter configured to transmit said message to said network function in accordance with said address information.

64. (Currently Amended) An ~~interrogating call session control function~~apparatus as claimed in claim ~~65~~63, wherein said address information entity is configured to query a database.

65. (Currently Amended) A computer program embodied on a computer readable medium, said computer program controlling a computer to perform a method comprising:

- receiving a message at an interrogating call session control function using a public service entity;
- obtaining address information for a network function for which said message is intended; and
- sending said message to said network function in accordance with said address information.